Name of Work: Compheresive Development of roads and drains AMS Layout, Swagat layout, Venugopal Layout, Akashavani Layout and surrounding area in Attur Ward No-03

EMB

"SECOND AND FINAL BILL"

Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layoutin Ward No- 03&04 of Yelahanka Division (Package No-03)

Recorded on : 20-05-2021

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granlar base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 KG/Sqm using mechanical means complete as per specifications and as per directions of the engineer in charge of the work.									
Brindavan Layout									
1st Main road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 60.0m		1	30.00	5.35		160.50			
Ch.60.0 to 90.0m		1	30.00	5.35		160.50			
Ch.90.0 to 120.0m		1	30.00	5.30		159.00			
Ch.120.0 to 150.0m		1	30.00	5.50		165.00			
Ch.150.0 to 164.5m		1	14.50	5.40		78.30			
Ch.164.5 to 179.3m		1	14.80	5.40		79.92			
2nd Main road									
Ch.0.00 to 30.0m		1	30.00	6.40		192.00			
Ch.30.0 to 60.0m		1	30.00	6.45		193.50			
Ch.60.0 to 90.0m		1	30.00	6.60		198.00			
Ch.90.0 to 120.0m		1	30.00	6.65		199.50			
Ch.120.0 to 150.0m		1	30.00	6.40		192.00			
Ch.150.0 to 175.8m		1	25.80	6.50		167.70			
1st Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40		162.00			
Ch.30.0 to 60.0m		1	30.00	5.60		168.00			
Ch.60.0 to 84.5m		1	24.50	5.50		134.75			
1st 'A' Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 31.0m		1	1.00	5.50		5.50			
Road Gap									
Ch.31.0 to 56.2m		1	25.20	5.50		138.60			
Cross Road -2									
Ch.0.00 to 30.0m		1	30.00	6.40		256.00			
Ch.30.0 to 60.0m		1	30.00	6.35		254.00			
Balaji Layout									
6th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40		216.00			
Ch.30.0 to 60.0m		1	30.00	5.60		224.00			
Ch.60.0 to 84.5m		1	24.50	5.50		134.75			
10th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40		216.00			
Ch.30.0 to 60.0m		1	30.00	5.40		216.00			
Ch.60.0 to 83.7m		1	23.70	5.50		220.00			
Ch.83.7 to 113.7m		1	30.00	5.65		226.00			
Ch.113.7 to 143.7m		1	30.00	5.55		222.00			
Ch.143.7 to 171.7m		1	28.00	5.50		220.00			
2nd Cross Road									
Ch.0.00 to 23.2m		1	23.20	5.10		118.32			
Road Gap									
Ch.23.2 to 53.2m		1	30.00	5.10		204.00			
Ch.53.2 to 71.2m		1	18.00	5.10		91.80			
3rd Cross Road									
Ch.0.00 to 12.7m		1	12.70	5.50		69.85			
Road Gap									
Ch.12.7 to 42.7m		1	30.00	5.50		165.00			
Ch.42.7 to 43.7m		1	1.00	5.50		5.50			
4th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		244.20			
Ch.30.0 to 35.4m		1	5.40	5.50		29.70			
5th Cross Road									

ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಆರೋಗ್ಯ ಪ್ರಯೋಗಾಲಯ ಯಲಹಂಕ ಬೆಂಗಳೂರು ಉಪವಿಭಾಗ, ಕೆ.ಐ.ಎ.ಡಿ.ಬಿ. ಬೆಂಗಳೂರು-106

Karnataka Municipal Test House

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
00 to 30.0m		1	30.00	5.40		162.00			
0.0 to 33.0m		1	3.00	5.40		16.20			
Raju Layout									
t Main Road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 60.0m		1	30.00	5.30		159.00			
Ch.60.0 to 90.0m		1	30.00	5.60		168.00			
Ch.90.0 to 120.0m		1	30.00	5.60		168.00			
Ch.120.0 to 134.9m		1	14.90	5.50		81.95			
Ch.134.9 to 164.9m		1	30.00	7.00		210.00			
Ch.164.9 to 194.9m		1	30.00	6.80		204.00			
Ch.194.9 to 224.9m		1	30.00	7.20		216.00			
Ch.224.9 to 231.7m		1	7.00	7.00		49.00			
Ch.231.7 to 241.2m		1	9.50	5.50		52.25			
Ch.241.2 to 271.2m		1	30.00	5.50		165.00			
Ch.271.2 to 296.6m		1	25.40	5.50		139.70			
Road Connecting 1st & 2nd Main									
Ch.0.00 to 30.0m		1	30.00	4.50		135.00			
2nd Main road									
Ch.0.00 to 30.0m		1	30.00	5.45		163.50			
Ch.30.0 to 60.0m		1	30.00	5.55		166.50			
Ch.60.0 to 90.0m		1	30.00	5.40		162.00			
Ch.90.0 to 120.0m		1	30.00	5.60		168.00			
Ch.120.0 to 140.0m		1	20.00	5.50		110.00			
13th Cross Road									
Ch.0.00 to 28.0m		1	28.00	5.50		154.00			
12th Cross Road									
Ch.0.00 to 28.0m		1	28.00	5.50		154.00			
Ambabhavani layout									
Main Road									
Ch.0.00 to 30.0m		1	30.00	7.20		216.00			
Ch.30.0 to 60.0m		1	30.00	7.20		216.00			
Ch.60.0 to 90.0m		1	30.00	7.20		216.00			
Ch.90.0 to 120.0m		1	30.00	7.15		214.50			
Ch.120.0 to 150.0m		1	30.00	7.15		214.50			
Ch.150 to 180.0m		1	30.00	7.20		216.00			
Ch.180.0 to 210.0m		1	30.00	7.10		213.00			
Ch.210.0 to 240.0m		1	30.00	7.10		213.00			
Ch.240.0 to 270.0m		1	30.00	7.10		213.00			
Ch.270.0 to 300.0m		1	30.00	7.10		213.00			
Ch.300.0 to 310.0m		1	10.00	7.10		71.00			
7th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40		162.00			
Ch.30.0 to 60.0m		1	30.00	5.40		162.00			
Ch.60.0 to 90.0m		1	30.00	5.65		169.50			
Ch.90.0 to 120.0m		1	30.00	5.60		168.00			
Ch.120.0 to 150.0m		1	30.00	5.45		163.50			
Ch.150 to 180.0m		1	30.00	5.50		165.00			
Ch.180.0 to 189.0m		1	9.00	5.50		49.50			
8th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.70		171.00			
Ch.30.0 to 60.0m		1	30.00	6.00		180.00			
Ch.60.0 to 90.0m		1	30.00	5.95		178.50			
Ch.90.0 to 120.0m		1	30.00	5.75		172.50			
Ch.120.0 to 150.0m		1	30.00	5.70		171.00			
Ch.150 to 180.0m		1	30.00	5.70		171.00			
Ch.180.0 to 185.0m		1	5.00	5.80		29.00			
Chowdappa Layout									
Ch.0.00 to 30.0m		1	30.00	6.20		186.00			
Ch.30.0 to 60.0m		1	30.00	5.90		177.00			
Ch.60.0 to 90.0m		1	30.00	5.90		177.00			
Ch.90.0 to 120.0m		1	30.00	5.80		174.00			
Ch.120.0 to 150.0m		1	30.00	6.10		183.00			

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಮಲ್ಲೇಶ್ವರಂ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ
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Karnataka Material Testing Laboratory

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
0.0 to 180.0m		1	30.00	6.10		183.00			
80.0 to 196.7m		1	16.70	6.00		100.20			
5.7 to 232.0m		1	35.30	6.90		243.57			
Maruthi Nagar									
1st Main Road									
Ch.0.00 to 30.0m		1	30.00	7.00		210.00			
Ch.30.0 to 60.0m		1	30.00	7.00		210.00			
Ch.60.0 to 90.0m		1	30.00	7.00		210.00			
Ch.90.0 to 120.0m		1	30.00	7.00		210.00			
Ch.120.0 to 149.0m		1	29.00	7.00		203.00			
1st cross Road									
Ch.0.00 to 30.0m		1	30.00	7.00		210.00			
Ch.30.0 to 60.0m		1	30.00	7.00		210.00			
Ch.60.0 to 90.0m		1	30.00	7.00		210.00			
Ch.90.0 to 110.2m		1	20.20	7.00		141.40			
2nd Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 57.7m		1	27.70	5.50		152.35			
3rd Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 60.0m		1	30.00	5.50		165.00			
Ch.60.0 to 90.0m		1	30.00	5.50		165.00			
Ch.90.0 to 120.0m		1	30.00	5.50		165.00			
Ch.120.0 to 150.m		1	30.00	5.50		165.00			
Ch.150.0 to 169.3m		1	19.30	5.50		106.15			
4th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 60.0m		1	30.00	5.50		165.00			
Ch.60.0 to 90.0m		1	30.00	5.50		165.00			
Ch.90.0 to 120.0m		1	30.00	5.50		165.00			
Ch.120.0 to 125.0m		1	5.00	5.50		27.50			
					Total Quantity	**18889.66**	**Sqm**	**31.16**	**588602.00**

Contractor

Karnataka Material Test Hub PMC

Assistant Engineer

Asst, Executive Engineer

20.5.2021

Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layoutin Ward No- 03&04 of Yelahanka Division (Package No-03)

ent Recorded on : 29-5-2017

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRRB 500-7. Providing and applying tack coat using 80/100 grade sqm bitumin(VGIO) in boiler fitted with the spray set distributor at the rate of 0.25KG/Sqm on the existing prepared bituminous (prime surface) clean with the mechanical broom, complete as per specifications.									
Brindavan Layout									
1st Main road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 60.0m		1	30.00	5.35		160.50			
Ch.60.0 to 90.0m		1	30.00	5.35		160.50			
Ch.90.0 to 120.0m		1	30.00	5.30		159.00			
Ch.120.0 to 150.0m		1	30.00	5.50		165.00			
Ch.150.0 to 164.5m		1	14.50	5.40		78.30			
Ch.164.5 to 179.3m		1	14.80	5.40		79.92			
2nd Main road									
Ch.0.00 to 30.0m		1	30.00	6.40		192.00			
Ch.30.0 to 60.0m		1	30.00	6.45		193.50			
Ch.60.0 to 90.0m		1	30.00	6.60		198.00			
Ch.90.0 to 120.0m		1	30.00	6.65		199.50			
Ch.120.0 to 150.0m		1	30.00	6.40		192.00			
Ch.150.0 to 175.8m		1	25.80	6.50		167.70			
1st Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40		162.00			
Ch.30.0 to 60.0m		1	30.00	5.60		168.00			
Ch.60.0 to 84.5m		1	24.50	5.50		134.75			
1st 'A' Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 31.0m		1	1.00	5.50		5.50			
Road Gap									
Ch.31.0 to 56.2m		1	25.20	5.50		138.60			
Cross Road -2									
Ch.0.00 to 30.0m		1	30.00	6.40		256.00			
Ch.30.0 to 60.0m		1	30.00	6.35		254.00			
Balaji Layout									
6th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40		216.00			
Ch.30.0 to 60.0m		1	30.00	5.60		224.00			
Ch.60.0 to 84.5m		1	24.50	5.50		134.75			
10th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40		216.00			
Ch.30.0 to 60.0m		1	30.00	5.40		216.00			
Ch.60.0 to 83.7m		1	23.70	5.50		130.35			
Ch.83.7 to 113.7m		1	30.00	5.65		226.00			
Ch.113.7 to 143.7m		1	30.00	5.55		222.00			
Ch.143.7 to 171.7m		1	28.00	5.50		154.00			
2nd Cross Road									
Ch.0.00 to 23.2m		1	23.20	5.10		118.32			
Road Gap		1	0.00						
Ch.23.2 to 53.2m		1	30.00	5.10		204.00			
Ch.53.2 to 71.2m		1	18.00	5.10		91.80			
3rd Cross Road									
Ch.0.00 to 12.7m		1	12.70	5.50		69.85			
Road Gap			0.00						
Ch.12.7 to 42.7m		1	30.00	5.50		220.00			
Ch.42.7 to 43.7m		1	1.00	5.50		5.50			
4th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		220.00			
Ch.30.0 to 35.4m		1	5.40	5.50		29.70			
5th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40		216.00			

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
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Karnataka Materials Testing Laboratory

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
0.0 to 196.7m		1	16.70	6.00		100.20			
196.7 to 232.0m		1	35.30	6.90		243.57			
ruthi Nagar									
st Main Road									
Ch.0.00 to 30.0m		1	30.00	7.00		210.00			
Ch.30.0 to 60.0m		1	30.00	7.00		210.00			
Ch.60.0 to 90.0m		1	30.00	7.00		210.00			
Ch.90.0 to 120.0m		1	30.00	7.00		210.00			
Ch.120.0 to 149.0m		1	29.00	7.00		203.00			
1st cross Road									
Ch.0.00 to 30.0m		1	30.00	7.00		210.00			
Ch.30.0 to 60.0m		1	30.00	7.00		210.00			
Ch.60.0 to 90.0m		1	30.00	7.00		210.00			
Ch.90.0 to 110.2m		1	20.20	7.00		141.40			
2nd Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 57.7m		1	27.70	5.50		152.35			
3rd Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 60.0m		1	30.00	5.50		165.00			
Ch.60.0 to 90.0m		1	30.00	5.50		165.00			
Ch.90.0 to 120.0m		1	30.00	5.50		165.00			
Ch.120.0 to 150.m		1	30.00	5.50		165.00			
Ch.150.0 to 169.3m		1	19.30	5.50		106.15			
4th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50		165.00			
Ch.30.0 to 60.0m		1	30.00	5.50		165.00			
Ch.60.0 to 90.0m		1	30.00	5.50		165.00			
Ch.90.0 to 120.0m		1	30.00	5.50		165.00			
Ch.120.0 to 125.0m		1	5.00	5.50		27.50			
					Total Quantity	**18888.81**	**Sqm**	**13.35**	**252166.00**

CREC

Contractor

Material Test Laboratory Pvt. Ltd. Bangalore

Assistant Engineer

Asst, Executive Engineer

27.5.2021

ork: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat kashavani Layout, Chowdappa Layout and GKVK Layoutin Ward No- 03&04 of Yelahanka Division (Package No-03)

nt Recorded on : 27-5-2021

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
3	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, lavel and allignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507, using 100/120 TPH capacity HMP with sensor paver Gr-II (50mm to 75mm) with 4.5 % VG-30 Bitumen								
	DBM For Road								
	Brindavan Layout								
	1st Main road								
	Ch.0.00 to 30.0m		1	30.00	5.50	0.05	8.25		
	Ch.30.0 to 60.0m		1	30.00	5.35	0.05	8.03		
	Ch.60.0 to 90.0m		1	30.00	5.35	0.05	8.03		
	Ch.90.0 to 120.0m		1	30.00	5.30	0.05	7.95		
	Ch.120.0 to 150.0m		1	30.00	5.50	0.05	8.25		
	Ch.150.0 to 164.5m		1	14.50	5.40	0.05	3.92		
	Ch.164.5 to 179.3m		1	14.80	5.40	0.05	4.00		
	2nd Main road								
	Ch.0.00 to 30.0m		1	30.00	6.40	0.05	9.60		
	Ch.30.0 to 60.0m		1	30.00	6.45	0.05	9.68		
	Ch.60.0 to 90.0m		1	30.00	6.60	0.05	9.90		
	Ch.90.0 to 120.0m		1	30.00	6.65	0.05	9.98		
	Ch.120.0 to 150.0m		1	30.00	6.40	0.05	9.60		
	Ch.150.0 to 175.8m		1	25.80	6.50	0.05	8.39		
	1st Cross Road								
	Ch.0.00 to 30.0m		1	30.00	5.40	0.05	8.10		
	Ch.30.0 to 60.0m		1	30.00	5.60	0.05	8.40		
	Ch.60.0 to 84.5m		1	24.50	5.50	0.05	6.74		
	1st 'A' Cross Road								
	Ch.0.00 to 30.0m		1	30.00	5.50	0.05	8.25		
	Ch.30.0 to 31.0m		1	1.00	5.50	0.05	0.28		
	Road Gap								
	Ch.31.0 to 56.2m		1	25.20	5.50	0.05	6.93		
	Cross Road -2								
	Ch.0.00 to 30.0m		1	30.00	6.40	0.05	9.60		
	Ch.30.0 to 60.0m		1	30.00	6.35	0.05	9.53		
	Ch.60.0 to 90.0m		1	30.00	6.55	0.05	5.25		
	Ch.90.0 to 120.0m		1	30.00	6.60	0.05	5.25		
	Ch.120.0 to 150.0m		1	30.00	6.60	0.05	5.25		
	Ch.150.0 to 152.0m		1	2.00	6.50	0.05	0.65		
	Balaji Layout								
	6th Cross Road								
	Ch.0.00 to 30.0m		1	30.00	5.40	0.05	8.10		
	Ch.30.0 to 60.0m		1	30.00	5.60	0.05	8.40		
	Ch.60.0 to 84.5m		1	24.50	5.50	0.05	6.74		
	10th Cross Road								
	Ch.0.00 to 30.0m		1	30.00	5.40	0.05	8.10		
	Ch.30.0 to 60.0m		1	30.00	5.40	0.05	8.10		
	Ch.60.0 to 83.7m		1	23.70	5.50	0.05	6.52		
	Ch.83.7 to 113.7m		1	30.00	5.60	0.05	8.40		
	Ch.113.7 to 143.7m		1	30.00	5.50	0.05	8.25		
	Ch.143.7 to 171.7m		1	28.00	5.50	0.05	7.70		
	2nd Cross Road								
	Ch.0.00 to 23.2m		1	23.20	5.10	0.05	5.92		
	Road Gap		1	0.00					
	Ch.23.2 to 53.2m		1	30.00	5.10	0.05	7.65		
	Ch.53.2 to 71.2m		1	18.00	5.10	0.05	4.59		
	3rd Cross Road								
	Ch.0.00 to 12.7m		1	12.70	5.50	0.05	3.49		

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಕ.ಜ.ಮಂ.ನಿ. ಬೆಂಗಳೂರು-106

Executive Engineer
Yelahanka Sub-Urban Sub-Division
K.U.I.D.F.C. Bangalore-106

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
.00 to 30.0m		1	30.00	6.20	0.05	9.30			
30.0 to 60.0m		1	30.00	5.90	0.05	8.85			
60.0 to 90.0m		1	30.00	5.90	0.05	8.85			
Ch.90.0 to 120.0m		1	30.00	5.80	0.05	8.70			
Ch.120.0 to 150.0m		1	30.00	6.10	0.05	9.15			
Ch.150.0 to 180.0m		1	30.00	6.10	0.05	9.15			
Ch.180.0 to 196.7m		1	16.70	6.00	0.05	5.01			
Ch.196.7 to 232.0m		1	35.30	6.90	0.05	12.18			
Maruthi Nagar									
1st Main Road									
Ch.0.00 to 30.0m		1	30.00	7.00	0.05	10.50			
Ch.30.0 to 60.0m		1	30.00	7.00	0.05	10.50			
Ch.60.0 to 90.0m		1	30.00	7.00	0.05	10.50			
Ch.90.0 to 120.0m		1	30.00	7.00	0.05	10.50			
Ch.120.0 to 149.0m		1	29.00	7.00	0.05	10.15			
1st cross Road									
Ch.0.00 to 30.0m		1	30.00	7.00	0.05	10.50			
Ch.30.0 to 60.0m		1	30.00	7.00	0.05	10.50			
Ch.60.0 to 90.0m		1	30.00	7.00	0.05	10.50			
Ch.90.0 to 110.2m		1	20.20	7.00	0.05	7.07			
2nd Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50	0.05	8.25			
Ch.30.0 to 57.7m		1	27.70	5.50	0.05	7.62			
3rd Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50	0.05	8.25			
Ch.30.0 to 60.0m		1	30.00	5.50	0.05	8.25			
Ch.60.0 to 90.0m		1	30.00	5.50	0.05	8.25			
Ch.90.0 to 120.0m		1	30.00	5.50	0.05	8.25			
Ch.120.0 to 150.m		1	30.00	5.50	0.05	8.25			
Ch.150.0 to 169.3m		1	19.30	5.50	0.05	5.31			
4th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50	0.05	8.25			
Ch.30.0 to 60.0m		1	30.00	5.50	0.05	8.25			
Ch.60.0 to 90.0m		1	30.00	5.50	0.05	8.25			
Ch.90.0 to 120.0m		1	30.00	5.50	0.05	8.25			
Ch.120.0 to 125.0m		1	5.00	5.50	0.05	1.38			
					Total Quantity	**923.72**	**Cum**	**6726.80**	**6213650.00**

Contractor

Karnataka Material Test Laboratory Pvt. Ltd. Bangalore PMC

Assistant Engineer

Asst, Executive Engineer

27.5.2021

Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Akashavani Layout, Chowdappa Layout and GKVK Layoutin Ward No- 03&04 of Yelahanka Division (Package No-03)

ment Recorded on : 27.05.2024

Detailed Measurments

	Discription of Item		Unit	Rate	Amount
1	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granlar base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 KG/Sqm using mechanical means complete as per specifications and as per directions of the engineer in charge of the work.				
		Present Qty **18889.66**	**Sqm**	**31.16**	**588602.00**
2	KSRRB 500-7. Providing and applying tack coat using 80/100 grade sqm bitumin(VGIO) in boiler fitted with the spray set distributor at the rate of 0.25KG/Sqm on the existing prepared bituminous (prime surface) clean with the mechanical broom, complete as per specifications.				
		Present Qty **18888.81**	**Sqm**	**13.35**	**252166.00**
3	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, lavel and allignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507. using 100/120 TPH capacity HMP with sensor paver Gr-ll (50mm to 75mm) with 4.5 % VG-30 Bitumen.				
		Present Qty **923.72**	**Cum**	**6726.80**	**6213650.00**

Contractor RMC Assistant Engineer

Asst. Executive Engineer.

27.5.2024

Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layoutin Ward No- 03&04 of Yelahanka Division (Package No-03)

Detailed Measurements

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granlar base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 KG/Sqm using mechanical means complete as per specifications and as per directions of the engineer in charge								
Vide Premeasurement page no.					18889.66			
				Present Qty	**18889.66**	**Sqm**	**31.16**	**588602.00**
3 KSRRB 500-7. Providing and applying tack coat using 80/100 grade sqm bitumin(VGIO) in boiler fitted with the spray set distributor at the rate of 0.25KG/Sqm on the existing prepared bituminous (prime surface) clean with the mechanical broom, complete as per specifications.								
Vide Premeasurement page no.					18888.81			
				Present Qty	**18888.81**	**Sqm**	**13.35**	**252166.00**
4 KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, lavel and allignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507. using 100/120 TPH capacity HMP with sensor paver Gr-ll (50mm to 75mm) with 4.5 % VG-30 Bitumen.								
Vide Premeasurement page no.					923.72			
				Present Qty	**923.72**	**Cum**	**6726.80**	**6213650.00**

Contractor

Karnataka Material Test House Pvt. Ltd. PMC Bangalore

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-106

27.5.2021

Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, i Layout, Chowdappa Layout and GKVK Layoutin Ward No- 03&04 of Yelahanka Division (Package No-03)

ent Recorded on : 09.06.2021

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminious binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and o.43% of plastomeric thermoplastic(waste plastic) crushed aggregates of specified grading pre mixxed with bituminous binder and filler, transporting the hot mix to the work site, laying with a paver finisher to the require grade, level and allignment and rolling with the smooth wheeled, vibratory and tandom rollers to achieve the desired compaction in all respect complete as per specifications.									
BC Road									
Brindavan Layout									
1st Main road									
Ch.0.00 to 30.0m		1	30.00	5.50	0.04	6.60			
Ch.30.0 to 60.0m		1	30.00	5.35	0.04	6.42			
Ch.60.0 to 90.0m		1	30.00	5.35	0.04	6.42			
Ch.90.0 to 120.0m		1	30.00	5.30	0.04	6.36			
Ch.120.0 to 150.0m		1	30.00	5.50	0.04	6.60			
Ch.150.0 to 164.5m		1	14.50	5.40	0.04	3.13			
Ch.164.5 to 179.3m		1	14.80	5.40	0.04	3.20			
2nd Main road									
Ch.0.00 to 30.0m		1	30.00	6.40	0.04	7.68			
Ch.30.0 to 60.0m		1	30.00	6.45	0.04	7.74			
Ch.60.0 to 90.0m		1	30.00	6.60	0.04	7.92			
Ch.90.0 to 120.0m		1	30.00	6.65	0.04	7.98			
Ch.120.0 to 150.0m		1	30.00	6.40	0.04	7.68			
Ch.150.0 to 175.8m		1	25.80	6.50	0.04	6.71			
1st Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40	0.04	6.48			
Ch.30.0 to 60.0m		1	30.00	5.60	0.04	6.72			
Ch.60.0 to 84.5m		1	24.50	5.50	0.04	5.39			
1st 'A' Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50	0.03	4.95			
Ch.30.0 to 31.0m		1	1.00	5.50	0.03	0.17			
Road Gap									
Ch.31.0 to 56.2m		1	25.20	5.50	0.03	4.16			
Cross Road -2									
Ch.0.00 to 30.0m		1	30.00	6.40	0.03	5.76			
Ch.30.0 to 60.0m		1	30.00	6.35	0.03	5.72			
Ch.60.0 to 90.0m		1	30.00	6.55	0.03	5.90			
Ch.90.0 to 120.0m		1	30.00	6.60	0.03	5.94			
Ch.120.0 to 150.0m		1	30.00	6.60	0.03	5.94			
Ch.150.0 to 152.0m		1	2.00	6.50	0.03	0.39			
Balaji Layout									
6th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40	0.03	4.86			
Ch.30.0 to 60.0m		1	30.00	5.60	0.03	5.04			
Ch.60.0 to 84.5m		1	24.50	5.50	0.03	4.04			
10th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40	0.04	6.48			
Ch.30.0 to 60.0m		1	30.00	5.40	0.04	6.48			
Ch.60.0 to 83.7m		1	23.70	5.50	0.04	5.21			
Ch.83.7 to 113.7m		1	30.00	5.65	0.04	6.78			
Ch.113.7 to 143.7m		1	30.00	5.55	0.04	6.66			
Ch.143.7 to 171.7m		1	28.00	5.50	0.04	6.16			
2nd Cross Road									

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎ. ಬೆಂಗಳೂರು-106

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
00 to 23.2m		1	23.20	5.10	0.03	3.55			
Gap		1	0.00						
3.2 to 53.2m		1	30.00	5.10	0.03	4.59			
53.2 to 71.2m		1	18.00	5.10	0.03	2.75			
rd Cross Road									
Ch.0.00 to 12.7m		1	12.70	5.50	0.03	2.10			
Road Gap			0.00						
Ch.12.7 to 42.7m		1	30.00	5.50	0.03	4.95			
Ch.42.7 to 43.7m		1	1.00	5.50	0.03	0.17			
4th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.50	0.03	4.95			
Ch.30.0 to 35.4m		1	5.40	5.50	0.03	0.89			
5th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40	0.03	4.86			
Ch.30.0 to 33.0m		1	3.00	5.40	0.03	0.49			
Nagaraju Layout									
1st Main Road									
Ch.0.00 to 30.0m		1	30.00	5.50	0.04	6.60			
Ch.30.0 to 60.0m		1	30.00	5.30	0.04	6.36			
Ch.60.0 to 90.0m		1	30.00	5.60	0.04	6.72			
Ch.90.0 to 120.0m		1	30.00	5.60	0.04	6.72			
Ch.120.0 to 134.9m		1	14.90	5.50	0.04	3.28			
Ch.134.9 to 164.9m		1	30.00	7.00	0.04	8.40			
Ch.164.9 to 194.9m		1	30.00	6.80	0.04	8.16			
Ch.194.9 to 224.9m		1	30.00	7.20	0.04	8.64			
Ch.224.9 to 231.7m		1	7.00	7.00	0.04	1.96			
Ch.231.7 to 241.2m		1	9.50	5.50	0.04	2.09			
Ch.241.2 to 271.2m		1	30.00	5.50	0.04	6.60			
Ch.271.2 to 296.6m		1	25.40	5.50	0.04	5.59			
Road Connecting 1st & 2nd Main									
Ch.0.00 to 30.0m		1	30.00	4.50	0.03	4.05			
2nd Main road									
Ch.0.00 to 30.0m		1	30.00	5.45	0.04	6.54			
Ch.30.0 to 60.0m		1	30.00	5.55	0.04	6.66			
Ch.60.0 to 90.0m		1	30.00	5.40	0.04	6.48			
Ch.90.0 to 120.0m		1	30.00	5.60	0.04	6.72			
Ch.120.0 to 140.0m		1	20.00	5.50	0.04	4.40			
13th Cross Road									
Ch.0.00 to 28.0m		1	28.00	5.50	0.03	4.30			
12th Cross Road									
Ch.0.00 to 28.0m		1	28.00	5.50	0.03	4.62			
11th Cross Road									
Ch.0.00 to 25.0m		1	25.00	5.50	0.03	4.13			
Ambabhavani layout									
Main Road									
Ch.0.00 to 30.0m		1	30.00	7.20	0.04	8.64			
Ch.30.0 to 60.0m		1	30.00	7.20	0.04	8.64			
Ch.60.0 to 90.0m		1	30.00	7.20	0.04	8.64			
Ch.90.0 to 120.0m		1	30.00	7.15	0.04	8.58			
Ch.120.0 to 150.0m		1	30.00	7.15	0.04	8.58			
Ch.150 to 180.0m		1	30.00	7.20	0.04	8.64			
Ch.180.0 to 210.0m		1	30.00	7.10	0.04	8.52			
Ch.210.0 to 240.0m		1	30.00	7.10	0.04	8.52			
Ch.240.0 to 270.0m		1	30.00	7.10	0.04	8.52			
Ch.270.0 to 300.0m		1	30.00	7.10	0.04	8.52			
Ch.300.0 to 310.0m		1	10.00	7.10	0.04	2.84			
7th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.40	0.04	6.48			
Ch.30.0 to 60.0m		1	30.00	5.40	0.04	6.48			

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
.0 to 90.0m	1	30.00	5.65	0.04	6.78			
90.0 to 120.0m	1	30.00	5.60	0.04	6.72			
20.0 to 150.0m	1	30.00	5.45	0.04	6.54			
h.150 to 180.0m	1	30.00	5.50	0.04	6.60			
Ch.180.0 to 189.0m	1	9.00	5.50	0.04	1.98			
8th Cross Road								
Ch.0.00 to 30.0m	1	30.00	5.70	0.03	5.13			
Ch.30.0 to 60.0m	1	30.00	6.00	0.03	5.40			
Ch.60.0 to 90.0m	1	30.00	5.95	0.03	5.36			
Ch.90.0 to 120.0m	1	30.00	5.75	0.03	5.18			
Ch.120.0 to 150.0m	1	30.00	5.70	0.03	5.13			
Ch.150 to 180.0m	1	30.00	5.70	0.03	5.13			
Ch.180.0 to 185.0m	1	5.00	5.80	0.03	0.87			
Chowdappa Layout								
Ch.0.00 to 30.0m	1	30.00	6.20	0.04	7.44			
Ch.30.0 to 60.0m	1	30.00	5.90	0.04	7.08			
Ch.60.0 to 90.0m	1	30.00	5.90	0.04	7.08			
Ch.90.0 to 120.0m	1	30.00	5.80	0.04	6.96			
Ch.120.0 to 150.0m	1	30.00	6.10	0.04	7.32			
Ch.150.0 to 180.0m	1	30.00	6.10	0.04	7.32			
Ch.180.0 to 196.7m	1	16.70	6.00	0.04	4.01			
Ch.196.7 to 232.0m	1	35.30	6.90	0.04	9.74			
Maruthi Nagar								
1st Main Road								
Ch.0.00 to 30.0m	1	30.00	7.00	0.03	6.30			
Ch.30.0 to 60.0m	1	30.00	7.00	0.03	6.30			
Ch.60.0 to 90.0m	1	30.00	7.00	0.03	6.30			
Ch.90.0 to 120.0m	1	30.00	7.00	0.03	6.30			
Ch.120.0 to 149.0m	1	29.00	7.00	0.03	6.09			
1st cross Road								
Ch.0.00 to 30.0m	1	30.00	7.00	0.04	8.40			
Ch.30.0 to 60.0m	1	30.00	7.00	0.04	8.40			
Ch.60.0 to 90.0m	1	30.00	7.00	0.04	8.40			
Ch.90.0 to 110.2m	1	20.20	7.00	0.04	5.66			
2nd Cross Road								
Ch.0.00 to 30.0m	1	30.00	5.50	0.03	5.69			
Ch.30.0 to 57.7m	1	27.70	5.50	0.04	5.33			
3rd Cross Road								
Ch.0.00 to 30.0m	1	30.00	5.50	0.03	4.95			
Ch.30.0 to 60.0m	1	30.00	5.50	0.03	4.95			
Ch.60.0 to 90.0m	1	30.00	5.50	0.03	4.95			
Ch.90.0 to 120.0m	1	30.00	5.50	0.03	4.95			
Ch.120.0 to 150.m	1	30.00	5.50	0.03	4.95			
Ch.150.0 to 169.3m	1	19.30	5.50	0.03	3.18			
4th Cross Road								
Ch.0.00 to 30.0m	1	30.00	5.50	0.03	4.95			
Ch.30.0 to 60.0m	1	30.00	5.50	0.03	4.95			
Ch.60.0 to 90.0m	1	30.00	5.50	0.03	4.95			
Ch.90.0 to 120.0m	1	30.00	5.50	0.03	4.95			
Ch.120.0 to 125.0m	1	5.00	5.50	0.03	0.83			
				Total Quantity	681.49	Cum	7913.04	5392658.00

Contractor

PMC

Assistant Engineer 9.6.2021 Asst, Executive Engineer

f Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swaga
t, Akashavani Layout, Chowdappa Layout and GKVK Layoutin Ward No- 03&04 of Yelahanka Division (Package No-03)

ment Recorded on : 12.06.2021

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
5 KSRRB M800-13. Road marking with hot applied thermoplastic compound with reflectrising glass beads on bituminous/ concrete surface. providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectrising glass beads at 250gms/ Sqm area, thickness of 2.5mm is exclusive of surfsce applied glass beads as per IRC: 35 standards specified the finished surface to be levell uniform and free from streaks and holes complete as per speciationd MORTH specification No.803									
Brindavan Layout									
1st Main road									
Ch.0.00 to 30.0m			2.5	30.00	0.10	7.50			
Ch.30.0 to 60.0m			2.5	30.00	0.10	7.50			
Ch.60.0 to 90.0m			2.5	30.00	0.10	7.50			
Ch.90.0 to 120.0m			2.5	30.00	0.10	7.50			
Ch.120.0 to 150.0m			2.5	30.00	0.10	7.50			
Ch.150.0 to 164.5m			2.5	14.50	0.10	3.63			
Ch.164.5 to 179.3m			2.5	14.80	0.10	3.70			
2nd Main road									
Ch.0.00 to 30.0m			2.5	30.00	0.10	7.50			
Ch.30.0 to 60.0m			2.5	30.00	0.10	7.50			
Ch.60.0 to 90.0m			2.5	30.00	0.10	7.50			
Ch.90.0 to 120.0m			2.5	30.00	0.10	7.50			
Ch.120.0 to 150.0m			2.5	30.00	0.10	7.50			
Ch.150.0 to 175.8m			2.5	25.80	0.10	6.45			
1st Cross Road									
Ch.0.00 to 30.0m			2	30.00	0.10	6.00			
Ch.30.0 to 60.0m			2	30.00	0.10	6.00			
Ch.60.0 to 84.5m			2	24.50	0.10	4.90			
1st 'A' Cross Road									
Ch.0.00 to 30.0m			2	30.00	0.10	6.00			
Ch.30.0 to 31.0m			2	1.00	0.10	0.20			
Road Gap									
Ch.31.0 to 56.2m			2	25.20	0.10	5.04			
Cross Road -2									
Ch.0.00 to 30.0m			2	30.00	0.10	6.00			
Ch.30.0 to 60.0m			2	30.00	0.10	6.00			
Ch.60.0 to 90.0m			2	30.00	0.10	6.00			
Ch.90.0 to 120.0m			2	30.00	0.10	6.00			
Ch.120.0 to 150.0m			2	30.00	0.10	6.00			
Ch.150.0 to 152.0m			2	2.00	0.10	0.40			
Balaji Layout									
6th Cross Road									
Ch.0.00 to 30.0m			2	30.00	0.10	6.00			
Ch.30.0 to 60.0m			2	30.00	0.10	6.00			
Ch.60.0 to 84.5m			2	24.50	0.10	4.90			
10th Cross Road									
Ch.0.00 to 30.0m			2	30.00	0.10	6.00			
Ch.30.0 to 60.0m			2	30.00	0.10	6.00			
Ch.60.0 to 83.7m			2	23.70	0.10	4.74			

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯೋಜನಾ ಅನುಷ್ಠಾನ ಅಭಿಯಂತರರು
ಕ.ಪ.ಅ.ಪ, ಬೆಂಗಳೂರು-106

Karnataka Material Testing Laboratory Bangalore

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
h.150.0 to 169.3m		2	19.30	0.10		3.86			
h Cross Road									
Ch.0.00 to 30.0m		2	30.00	0.10		6.00			
Ch.30.0 to 60.0m		2	30.00	0.10		6.00			
Ch.60.0 to 90.0m		2	30.00	0.10		6.00			
Ch.90.0 to 120.0m		2	30.00	0.10		6.00			
Ch.120.0 to 125.0m		2	5.00	0.10		1.00			
					Total Quantity	**726.07**	**Sqm**	**477.39**	**346617.00**

Contractor

Karnataka Material Test Laboratory ★ Bangalore ★ PMC

Assistant Engineer

Asst, Executive Engineer

12.6.2021

Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, ... Layout, Chowdappa Layout and GKVK Layoutin Ward No- 03&04 of Yelahanka Division (Package No 03)

Measurement Recorded on : 12.06.2023

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRRB M800-35. Supply and installation of molded shank raised pavment markers made up of poly carbonate and ABS (acrylonitrile Butadiene styrene) molded body and reflective pannels with microprismatic lens capable of providing total internal reflection of the light entering the lense face and shall support load of 16000 KG tested in accordance to specifications of catagory A of MORTH circular No. RW/NH/33023/10-97 - DO III Dt 11.06.1997. the height width and length shall not exceed 50mm, 100mm and 102mm and with minimum reflective area of 13Sqcm on each side and the slope to the base shall be 35o the strength of detachment of the intergated cylindrical shanks (of diameter not less than 19mm and height not less than 30mm) from the body is to be a minimum value of 500KG. fixing will be by drilling hole on the road for the shanks to go inside, with out nails and using Epoxy resin based adhesive as per manufacuter recommendations and complete as directed by the engineer									
At 7M interval									
Brindavan Layout									
1st Main road		3.00	25.00			75.00			
2nd Main road		3.00	25.00			75.00			
1st Cross Road		2.00	12.00			24.00			
1st 'A' Cross Road		2.00	8.00			16.00			
Cross Road -2		2.00	22.00			44.00			
Balaji Layout									
6th Cross Road		2.00	12.00			24.00			
10th Cross Road		2.00	24.00			48.00			
2nd Cross Road		2.00	10.00			20.00			
3rd Cross Road		2.00	6.00			12.00			
4th Cross Road		2.00	5.00			10.00			
5th Cross Road		2.00	5.00			10.00			
Nagaraju Layout									
1st Main Road		2.00	43.00			86.00			
Road Connecting 1st & 2nd Main		2.00	4.00			8.00			
2nd Main road		3.00	20.00			60.00			
13th Cross Road		2.00	4.00			8.00			
12th Cross Road		2.00	4.00			8.00			
11th Cross Road		2.00	4.00			8.00			
Ambabhavani layout									
Main Road		2.00	44.00			88.00			
7th Cross Road		2.00	27.00			54.00			
8th Cross Road		3.00	20.00			60.00			
Chowdappa Layout		2.00	33.00			66.00			
Maruthi Nagar									
1st Main Road		2.00	20.00			40.00			
1st cross Road		2.00	13.00			26.00			
2nd Cross Road		2.00	8.00			16.00			
3rd Cross Road		2.00	23.00			46.00			
4th Cross Road		2.00	15.00			30.00			
					Total Quantity	962.00	Nos'	375.01	360760.00
								TOTAL	13154453.00
								12% GST	1578534.36
								GRAND TOTAL	14732988.00

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Contractor | PMC | Assistant Engineer | Asst, Executive Engineer